

AMENDMENT NO. 1
TO THE
FULLY REIMBURSABLE SPACE ACT AGREEMENT
BETWEEN
THE BOEING COMPANY
AND
NASA
FOR
CONJUNCTION ASSESMENT RISK ANALYSIS (CARA) SUPPORT

The following articles of SAA5-13-2-R14322 are amended as shown; 2, 5, 19 and 25.
All other articles remain as in the original Agreement.

ARTICLE 2. PURPOSE OF AMENDMENT

SAA5-13-2-R14322 is amended by inserting additional information into the language of Article 2, PURPOSE OF AMENDMENT:

CARA support can be provided to the Partner either as a one-time service to cover a spacecraft ascent to mission orbit over a short (~1-2 month) timeframe, or CARA can provide long-term support on a month-to-month basis to cover long-term mission events such as ascent to orbit using electric propulsion or routine on-orbit support throughout the mission lifetime. Both support options use the same interfaces and produce the same products; only the timeframe varies.

ARTICLE 5. FINANCIAL OBLIGATIONS

SAA5-13-2-R14322 is amended by substituting the following language in Article 5, FINANCIAL OBLIGATIONS:

1. Partner agrees to reimburse NASA an estimated cost of \$10,000 per mission for NASA to carry out its responsibilities under this Agreement for short term (duration not to exceed 2 months) support or \$6000 per month for each month of conjunction assessment support for long term (more than two months) support of any spacecraft. NASA will not initiate work under this Agreement until NASA has received Partner's payment(s) for that work. In no event will NASA transfer any U.S. Government funds to Partner under this Agreement. Payment must be made by Partner in advance of initiation of NASA's efforts. Advance payments shall be scheduled to ensure that funds are resident with NASA before Federal obligations are incurred in support of this Agreement.

ARTICLE 19. POINTS OF CONTACT

SAA5-13-2-R14322 is amended by substituting the following language in Article 19, POINTS OF CONTACT:

The following personnel are designated as the Points of Contact between the Parties in the performance of this Agreement.

NASA Goddard Space Flight Center

Lauri K. Newman
Engineer (AST, NAV GUID &
CONTROL SYS)
Mail Stop: 595
8800 Greenbelt Road
Greenbelt, MD 20771
Phone: 301-286-3155
lauri.k.newman@nasa.gov

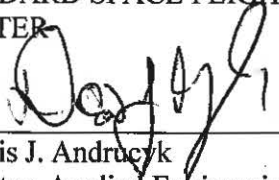
The Boeing Company

Steven A. Cezus
Astrodynamics Manager
1920 E. Walnut Ave
Bldg. S23
El Segundo, CA 90245
Phone: 562-797-0652
steven.a.cezus@boeing.com

ARTICLE 25. SIGNATORY AUTHORITY

The terms and conditions of SAA5-13-2-R14322, as modified by this Amendment are hereby incorporated herein.

NATIONAL AERONAUTICS AND
SPACE ADMINISTRATION
GODDARD SPACE FLIGHT
CENTER

BY: 
Dennis J. Andrucyk
Director, Applied Engineering and
Technology Directorate

DATE: 3/9/15

THE BOEING COMPANY

Chris O Dietrick, Digitally signed by Chris O Dietrick, 2033573
DN: o=Boeing, ou=Boeing Secure Messaging
GZ, cn=Chris O Dietrick, cn=2033573,
email=chris.o.dietrick@boeing.com
Date: 2015.03.05 13:14:13 -06'00'
2033573
BY: _____
Chris O. Dietrick
Procurement Agent

DATE: 03/05/2015